

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|------------------------------|------------------|---------|------------------|
| L1 | 26611 | (bit or digital) with control\$3 with amplifier | US-PGPUB; USPAT | OR | ON | 2007/11/08 13:57 |
| L2 | 2752 | l1 and agc | US-PGPUB; USPAT | OR | ON | 2007/11/08 13:58 |
| L3 | 224 | l2 and (hysteresis or hysterisis) | US-PGPUB; USPAT | OR | ON | 2007/11/08 13:58 |
| L4 | 186 | l3 and threshold | US-PGPUB; USPAT | OR | ON | 2007/11/08 15:20 |
| L5 | 200 | 455/245.1.ccls. and @ad<="20030623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 15:27 |
| L6 | 157 | bit near4 controlled near4 gain | US-PGPUB; USPAT | OR | ON | 2007/11/08 15:27 |
| L7 | 107 | l6 and @ad<="20030623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 15:27 |
| L8 | 5 | ("5352934" "5933370" "5963105" "6157270" "6191660").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 15:51 |
| L9 | 439 | 375/345.ccls. and bit | USPAT | OR | ON | 2007/11/08 17:49 |
| L10 | 88 | 375/345.ccls. and (MSB or most adj significant) | USPAT | OR | ON | 2007/11/08 17:49 |
| L11 | 82 | L10 and (adjustable or variable or multiple or dynamic) | USPAT | OR | ON | 2007/11/08 17:49 |
| L12 | 2 | (375/345.ccls. or 455/232.1 or 455/234.1) and (MSB or most adj significant) and (adc or analog adj digital) with gain with magnitude | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L13 | 7 | (375/345.ccls. or 455/232.1 or 455/234.1) and (MSB or most adj significant) and (adc or analog adj digital or "a/d") near saturat\$3 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L14 | 3 | (375/345.ccls. or 455/232.1 or 455/234.1) and (MSB or most adj significant) and (adc or analog adj digital or "a/d") near4 input near4 sample | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L15 | 2 | (375/345.ccls. or 455/232.1 or 455/234.1) and sample near2 (analog adj digital or a/d or adc) near2 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L16 | 14 | (375/345.ccls. or 455/232.1 or 455/234.1) and sample near4 (analog adj digital or a/d or adc) near4 input | USPAT | OR | ON | 2007/11/08 17:49 |

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| L17 | 373 | (375/345.ccls. or 455/232.1 or 455/234.1 or "341"/\$.ccls.) and sample near4 (analog adj digital or a/d or adc) near4 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L18 | 371 | (375/345.ccls. or 455/232.1.ccls. or 455/234.1.ccls. or "341"/\$.ccls.) and sample near4 (analog adj digital or a/d or adc) near4 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L19 | 371 | (375/345.ccls. or 455/232.1.ccls. or 455/234.1.ccls. or "341"/\$.ccls.) and sample near4 (analog adj digital or a/d or adc) near4 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L20 | 136 | (375/345.ccls. or 455/232.1.ccls. or 455/234.1.ccls. or "341"/\$.ccls.) and sample near2 (analog adj digital or a/d or adc) near2 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L21 | 6 | ("4955077" "5517518" "5884152" "5987071" "6002925" "6038435").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L22 | 2 | ("6295445").URPN. | USPAT | OR | ON | 2007/11/08 17:49 |
| L23 | 453 | sample near2 (analog adj digital or a/d or adc) near2 input | USPAT | OR | ON | 2007/11/08 17:49 |
| L24 | 690 | sample near2 (analog adj digital or a/d or adc) near2 input | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L25 | 49 | sample near2 (analog adj digital or a/d or adc) near2 input SAME gain | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L26 | 5 | (US-6862439-\$ or US-6510188-\$ or US-6498929-\$ or US-6496550-\$ or US-6295445-\$ or US-5828328-\$). did. | USPAT | OR | ON | 2007/11/08 17:49 |
| L27 | 2 | L26 and threshold | USPAT | OR | ON | 2007/11/08 17:49 |
| L28 | 7 | digital adj channel adj filtering | USPAT | OR | ON | 2007/11/08 17:49 |
| L29 | 27 | digital adj channel adj filter | USPAT | OR | ON | 2007/11/08 17:49 |
| L30 | 14 | audinot.in. | USPAT | OR | ON | 2007/11/08 17:49 |
| L31 | 21 | audinot.in. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L32 | 322 | roussel.in. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L33 | 2 | roussel.in. and instruments.as. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L34 | 2 | roussel.in. and instrument.as. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L35 | 1 | roussel-vincent.in. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L36 | 1 | L26 and MSB | USPAT | OR | ON | 2007/11/08 17:49 |

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| L37 | 4 | L26 and most adj significant | USPAT | OR | ON | 2007/11/08 17:49 |
| L38 | 1321 | 375/346.ccls. | USPAT | OR | ON | 2007/11/08 17:49 |
| L39 | 87 | 375/346.ccls. and (most adj significant or msb) | USPAT | OR | ON | 2007/11/08 17:49 |
| L40 | 1 | (msb or most adj significant adj bit) same gain same (second adj threshold) | USPAT | OR | ON | 2007/11/08 17:49 |
| L41 | 2 | (msb or most adj significant adj bit) same gain same (second adj threshold) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L42 | 22 | (msb or most adj significant adj bit) same (second adj threshold) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L43 | 130 | 375/345.ccls. and (msb or most adj significant adj bit or bit) same threshold | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L44 | 2 | ("5825319" "5917865").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L45 | 9 | ("6314278").URPN. | USPAT | OR | ON | 2007/11/08 17:49 |
| L46 | 10593 | gain near4 (magnitude or amplitude) and (analog near4 digital) or (a adj d) and channel near2 filter | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L47 | 8083 | gain near4 (magnitude or amplitude) and (analog near4 digital) or (a adj d) and digital adj channel near2 filter | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L48 | 4302083 | @ad<="20030623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L49 | 4302083 | @ad<="20030623"L47 and L48 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L50 | 2681 | gain near4 magnitude and (analog near4 digital) or (a adj d) and digital adj channel near2 filter | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L51 | 6007 | L47 and L48 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L52 | 2066 | L50 and L48 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L53 | 365 | (adc or analog adj digital) near4 saturation | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L54 | 207 | L53 and L48 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L55 | 7 | L52 and L54 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L56 | 764 | 375/345.ccls. | USPAT | OR | ON | 2007/11/08 17:49 |

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| L57 | 495 | (375/345.ccls. or 455/232.1 or 455/234.1 or "341"/\$.ccls.) and sample near4 (analog adj digital or a/d or adc) near4 input | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L58 | 1005 | 375/345.ccls. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L59 | 4302083 | @ad<="20030623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L60 | 12481 | (Analog near2 digital) near4 output same control with (bit or digital or MSB) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L61 | 9919 | L60 and L59 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L62 | 972 | L61 and (agc or automatic adj gain adj control\$3) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L63 | 1 | "3931584".pn. | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L64 | 5 | (analog near2 digital) with output with control\$3 with (AGC or automatic near4 gain) with (MSB or LSB or most adj significant or least adj significant) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L65 | 2 | ("3525948").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L66 | 936 | digital\$2 near4 control\$2 with (bit or word) and (AGC or automatic near4 gain) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L67 | 731 | (analog near2 digital) with output with control\$3 with (AGC or automatic near4 gain) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L68 | 4302083 | @ad<="20030623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L69 | 543 | L68 and L67 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L70 | 17 | ("3931584").URPN. | USPAT | OR | ON | 2007/11/08 17:49 |
| L71 | 8977 | gain same (control\$3 or set or adjust\$2) same digital same (bit or word or msb or lsb) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L72 | 701 | L66 and L68 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L73 | 6415 | L68 and L71 | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |

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| L74 | 1979 | L73 and ((most or least) adj significant adj bit or msb or lsb) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |
| L75 | 2436 | (375/345.ccls. or 455/232.1 or 455/234.1) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L76 | 1842 | L68 and L75 | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L77 | 2 | (375/345.ccls. or 455/232.1 or 455/234.1) and (MSB or most adj significant) and (adc or analog adj digital) with gain with magnitude | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L78 | 87 | 375/346.ccls. and (most adj significant or msb) | USPAT | OR | ON | 2007/11/08 17:49 |
| L79 | 5605 | analog near4 digital same gain same bit | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L80 | 47232 | L79 and "455"/\$.ccls. or "375"/\$.ccls. and @ad<="20020623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L81 | 765 | L79 and ("455"/\$.ccls. or "375"/\$.ccls.) and @ad<="20020623" | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L82 | 42 | L81 and (hysteresis) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L83 | 413 | L81 and (threshold or hysteresis) | US-PGPUB; USPAT | OR | ON | 2007/11/08 17:49 |
| L84 | 18 | ("20020072329" "20020086707" "5168507" "5513387" "5546138" "5638141" "5862465" "6041081" "6107878" "6236848" "6459889" "6463266" "6516185" "6560448" "6650878" "6694129" "6735416" "6738601").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/11/08 17:49 |